

ABSTRACT

The present invention achieves technical advantages as a circuit (10) detecting
5 excess current on a servo driver IC and preventing the disruptive damage which can be
caused by the excess current. Typically, an isolation (Iso) FET 12 is part of the servo
driver IC. The detection circuitry (10) has a sensing FET (14) having only a small silicon
area whereby the detection circuit (10) is independent of the Iso FET current (I_{cc}) path,
being in parallel rather than in series. The detection circuitry also allows production tests
10 on much smaller current thresholds.